## WHAT IS CLAIMED IS:

1	1. A method of controlling semi-frozen liquid beverage in a dispensing machine having
2	a bowl to contain said beverage therein, a motor to turn a helical auger blade within said bowl to
3	scrape the semi-frozen beverage, and a compressor to cool said beverage, which method comprises:
4	actuating said compressor to said bowl until temperature of said beverage is cooled
5 .	to reach an initial set point;
6	deactivating said compressor to said bowl after temperature of said beverage is cooled
7	at or below said set point;
8	sensing torque on said motor caused by resistance to said auger blade after a defined
9	time period following said switching off of said compressor;
10	activating said compressor to said bowl if torque on said motor is below a certain
11	level; and
12	lowering said temperature set point from said initial set point to a lower set point to
13	cool said product.
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- 2. A method of controlling semi-frozen liquid beverage as set forth in Claim 1 wherein said initial step of activating said compressor to said bowl includes switching a solenoid switch.
- 3. A method of controlling semi-frozen liquid beverage as set forth in Claim 1 including the steps of monitoring a pump which delivers said beverage to said bowl to determine amount of beverage delivered to said bowl and raising said set point when a selected amount has been delivered.

- A method of controlling semi-frozen liquid beverage as set forth in Claim 1 including 4. 1 2 the steps of monitoring a pump timer to determine the amount of beverage delivered to said bowl 3 and raising said set point when a selected amount has been delivered.
- 5. A semi-frozen liquid beverage dispensing machine having a bowl to contain semi-1 frozen beverage therein, which apparatus comprises: 2 .
- at least one refrigerated storage cavity for receiving a bulk storage container of liquid 3 beverage; 4
- a fluid passageway tube extending between said bowl and said bulk storage container; 5 6 a pump to transport said liquid from said bulk storage container through said tube and said bowl; and 7
- a sensor to sense liquid level of said semi-frozen beverage in said bowl of said machine, said sensor connected to said pump. 9

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- 6. A self-contained liquid storage and delivery apparatus as set forth in Claim 5 wherein said bulk storage container is a flexible membrane bag within a rigid box and includes a connection nipple.
- 7. A semi-frozen liquid beverage dispensing machine as set forth in Claim 5 wherein 1 2 said fluid passageway tube is within a refrigerated zone.

- 8. A semi-frozen liquid beverage dispensing machine as set forth in Claim 5 wherein said bulk storage container includes a radio frequency ID tag which communicates with a transmitter/receiver in said machine.
  - 9. A method to store, deliver and automatically fill liquid beverage for supplying a separate, discrete semi-frozen liquid beverage machine having a bowl to contain beverage products, which method comprises:

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- storing at least one bulk storage container of said beverage products in a refrigerated storage cavity separate and discrete from said liquid beverage machine;
- transporting said beverage products from said storage container in said refrigerated storage cavity through a thermally conductive passageway into a bowl of said beverage machine by pumping with a pump; and
- sensing liquid level with a liquid level sensor in said bowl in order to activate or deactivate said pumping.
- 10. A method as set forth in Claim 9 including the additional step of removing said bulk storage container of said liquid beverage from said cavity and replacing with another storage container.
- 1 11. A method to store, deliver and automatically fill liquid beverage for a semi-frozen liquid beverage machine having a bowl to contain beverage products, which method comprises:

3		storing at least one bulk storage container of said beverage products in a refrigerated	
4	storage cavity within said liquid beverage machine;		
5		transporting said beverage products from said storage container in said refrigerated	
6	storage cavit	y through a thermally conductive passageway into said bowl of said beverage machine;	
7	and		
8 .		delivering water from a water supply to deliver water to a bowl.	
1	12.	A method to store, deliver and automatically fill liquid beverage for a semi-frozen	
2	liquid bevera	ge machine having a bowl to contain beverage products, which method comprises:	
3		storing at least one bulk storage container of said beverage products in a refrigerated	
4	storage within said liquid beverage machine;		
5		transporting said beverage products from said storage container in said refrigerated	
6	storage cavity	y through a thermally conductive passageway into said bowl of said beverage machine;	
7	and		
8 .		wherein the step of transporting said liquid beverage includes delivering said liquid	
9	beverage to s	aid bowl below the liquid level in said bowl.	
1	13.	A bowl for a beverage dispenser, which bowl comprises:	
2		an elongated cylindrical body;	
3		an open back capable of mating with said dispenser; and	
4		a closed, partially domed front.	

- 1 14. A bowl for a beverage dispenser as set forth in Claim 13 wherein at cylindrical body is at an angle to horizontal plane of said dispenser.
- 1 15. A bowl for a beverage dispenser as set forth in Claim 13 wherein sale body has a port to receive a pin extending from said dispenser in order to lock said bo
- 1 16. A bowl for a beverage dispenser as set forth in Claim 13 wherein said bo
  2 a cylindrical evaporator through said open back.